TDT4171 ASSIGNMENT 8

Parameters

maxlen = data[«max_length»] // 16

Feed forward model

Embedding: input_dim = 1000, output_dim = 16

Conv1D: dim = 32, 3, activation = «relu»

GlobalMaxPooling1D

Dense: dim = 16, activation = «relu»

Dense: dim = 1, activation = «sigmoid»

Epochs: 10

Recurrent model

Embedding: input_dim = 1000, output_dim = 30

LSTM: dim = 30

Dense: dim = 1, activation = «sigmoid»

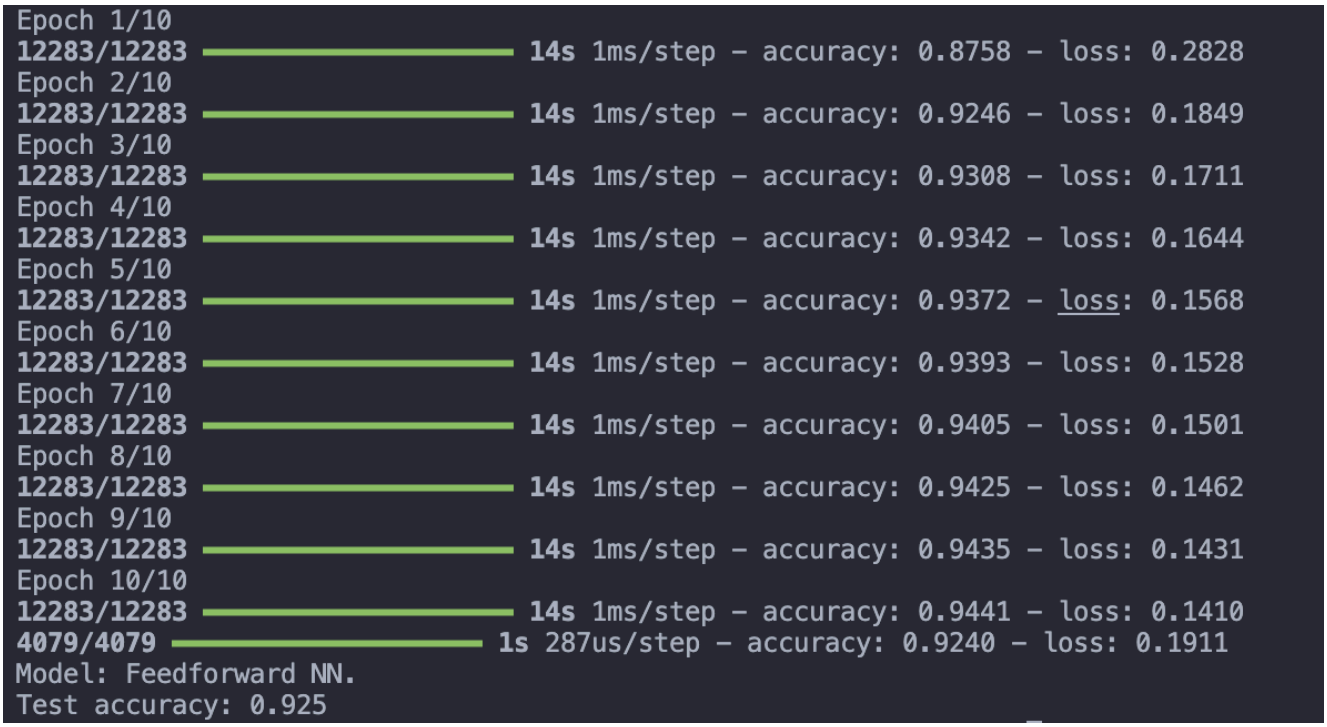
Epochs: 5, Batch_size: 32, Validation_split: 0.2

Result

Feed forward model

Test accuracy: 92.7%

Training time: 320s



Recurrent model

Test accuracy: 92.7%

Training time: 320s